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Erratum: 'Geometrical Properties of a "Snowflake" Divertor.'

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Physics of Plasmas

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Erratum: 'Geometrical Properties of a "Snowflake" Divertor.' [Phys. Plasmas, **14, 064502 (2007)]**

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There are several typographical errors in Ref. [1]. The correct version of Eqs. (4) and (5) is:

$$\hat{B}_x = 1 - \frac{I_d}{I} \frac{4ab}{4b^2 + d^2} + \frac{z}{a} \left[1 + 4 \frac{I_d}{I} \frac{a^2(4b^2 - d^2)}{(4b^2 + d^2)^2} \right] + \frac{z^2 - x^2}{a^2} \left[1 - 16 \frac{I_d}{I} \frac{a^3 b(4b^2 - 3d^2)}{(4b^2 + d^2)^3} \right]; \quad (4)$$

$$\hat{B}_z = \frac{x}{a} \left[1 + 4 \frac{I_d}{I} \frac{a^2(4b^2 - d^2)}{(4b^2 + d^2)^2} \right] + \frac{2xz}{a^2} \left[1 - 16 \frac{I_d}{I} \frac{a^3 b(4b^2 - 3d^2)}{(4b^2 + d^2)^3} \right]. \quad (5)$$

A correct version of Eqs. (7) and (8) is:

$$\hat{B}_x = -\varepsilon - \varepsilon \frac{z}{a} + \frac{z^2 - x^2}{2ab} \frac{a + b}{b} \quad (7)$$

$$\hat{B}_z = -\varepsilon \frac{x}{a} + \frac{xz}{ab} \frac{a + b}{b} \quad (8)$$

These errors do not propagate to numerical estimates, graphs and final conclusions.

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1. D.D. Ryutov. Phys. Plasmas, **14**, 064502 (2007).